

Form PTO-1449 LIST OF RELATED ART CITED BY APPLICANT (Use several sheets if necessary)				Atty. Docket No. IR-2803(EV)CIP		Serial No. Unknown	
				Inventor Carlson, et al.			
				Filing Date 3/25/04		Group Unknown	
U.S. PATENT DOCUMENTS							
*Examiner Initial	CLASS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB	FILING DATE IF APPROPRIATE
CS	AA	1,907,531	3/31	Fitzgerald, et al.	1	1	
CS	AB	2,938,606	1/56	Passman	1	1	
CS	AC	3,377,290	11/73	Bottalico	1	1	
CS	AD	3,483,951	12/69	Bonesho, et al.	1	1	
CS	AE	3,807,678	4/74	Karnopp, et al.	1	1	
CS	AF	3,866,720	2/75	Wallerstein, Jr.	1	1	
CS	AG	4,491,207	1/85	Boonchanta, et al.	1	1	
CS	AH	4,638,896	1/87	Poyser	1	1	
CS	AI	4,727,974	3/88	Takatoshi	1	1	
CS	AJ	4,827,162	5/89	Morris, et al.	1	1	
CS	AK	4,836,342	6/89	Wolfe	1	1	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES NO
CS	AL	DE 4041930	7/92	Germany	1	1	
	AM						
	AN						
	AO						
	AP						
OTHER RELATED ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
CS	AR	DE 4041930 Patent Abstract – English Translation, data supplied from the esp@cenet database					
CS	AS	Research Disclosure (RD 333099), Anonymous, January 10, 1992.					
CS	AT	"Optical Encoders, Series 63Q, High Resolution, 20MM" Grayhill, Inc., Product Bulletin #882					
April 27, 2001.							
EXAMINER <i>Chris Schwartz</i>				DATE CONSIDERED <i>3/14/07</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformation and not considered. Include copy of this form with next communication with applicant.							

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OS	AA	4,907,680	3/90	Wolfe, et al.	/	/	
OS	AB	4,921,272	5/90	Ivers	/	/	
OS	AC	5,004,079	4/91	Ivers, et al.	/	/	
OS	AD	5,018,606	5/91	Carlson	/	/	
OS	AE	5,046,594	9/91	Kakinuma	/	/	
OS	AF	5,206,555	4/93	Morris, et al.	/	/	
OS	AG	5,207,774	5/93	Wolfe, et al.	/	/	
OS	AH	5,277,281	1/94	Carlson et al.	/	/	
OS	AI	5,284,330	2/94	Carlson, et al.	/	/	
OS	AJ	5,440,183	8/95	Denne	/	/	
OS	AK	5,522,481	6/96	Watanabe	/	/	

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OTHER RELATED ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AR		
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AS	AA	5,576,500	11/96	Cage, et al.			
AS	AB	5,560,464	10/96	Gonda, et al.			
AS	AC	5,588,509	12/96	Weitzenhof, et al.			
AS	AD	5,590,745	1/97	Rensel, et al.			
AS	AE	5,743,352	4/98	Miller, et al.			
AS	AF	5,996,973	12/99	Campbell			
AS	AG	6,053,291	4/00	Shibahata, et al.			
AS	AH	6,452,302	9/02	Tajima, et al.			
AS	AI	6,486,658	11/02	Naidu			
AS	AJ	6,508,480	1/03	Smith, et al.			
AS	AK	6,705,559	3/04	Sullivan, et al.			
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